# Lucia R Languino

List of Publications by Year
in descending order



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|---|---|---|---|
| 114 papers | 15,225 citations | 38720 50 h-index | 27389 106 g-index |
| 116 all docs | 116 docs citations | 116 times ranked | 22588 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Ghost mitochondria drive metastasis through adaptive GCN2/Akt therapeutic vulnerability. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, . | 3.3 | 12 |
| 2 | Small extracellular vesicle-mediated <i>ITGB6</i> siRNA delivery downregulates the Î±VÎ²6 integrin and inhibits adhesion and migration of recipient prostate cancer cells. Cancer Biology and Therapy, 2022, 23, 173-185. | 1.5 | 12 |
| 3 | Differential expression of Î±VÎ²3 and Î±VÎ²6 integrins in prostate cancer progression. PLoS ONE, 2021, 16, e0244985. | 1.1 | 16 |
| 4 | A cancer ubiquitome landscape identifies metabolic reprogramming as target of Parkin tumor suppression. Science Advances, 2021, 7, . | 4.7 | 19 |
| 5 | IFIT3 (Interferon Induced Protein with Tetratricopeptide Repeats 3) Modulates STAT1 Expression in small Extracellular Vesicles. Biochemical Journal, 2021, 478, 3905-3921. | 1.7 | 3 |
| 6 | Small Extracellular Vesicle Regulation of Mitochondrial Dynamics Reprograms a Hypoxic Tumor Microenvironment. Developmental Cell, 2020, 55, 163-177.e6. | 3.1 | 26 |
| 7 | The mitophagy effector FUNDC1 controls mitochondrial reprogramming and cellular plasticity in cancer cells. Science Signaling, 2020, 13, . | 1.6 | 51 |
| 8 | Hitting the Bullseye: Are extracellular vesicles on target?. Journal of Extracellular Vesicles, 2020, 10, e12032. | 5.5 | 11 |
| 9 | Small extracellular vesicles modulated by Î±VÎ²3Âintegrin induce neuroendocrine differentiation in recipient cancer cells. Journal of Extracellular Vesicles, 2020, 9, 1761072. | 5.5 | 32 |
| 10 | The Î±vÎ²6Âintegrin in cancer cellâ€derived small extracellular vesicles enhances angiogenesis. Journal of Extracellular Vesicles, 2020, 9, 1763594. | 5.5 | 41 |
| 11 | Implementation of Germline Testing for Prostate Cancer: Philadelphia Prostate Cancer Consensus Conference 2019. Journal of Clinical Oncology, 2020, 38, 2798-2811. | 0.8 | 170 |
| 12 | Methods for extracellular vesicle isolation from cancer cells. , 2020, 3, 371-384. | | 3 |
| 13 | Prostate cancer sheds the Î±vÎ²3 integrin in vivo through exosomes. Matrix Biology, 2019, 77, 41-57. | 1.5 | 73 |
| 14 | MFF Regulation of Mitochondrial Cell Death Is a Therapeutic Target in Cancer. Cancer Research, 2019, 79, 6215-6226. | 0.4 | 34 |
| 15 | Myc Regulation of a Mitochondrial Trafficking Network Mediates Tumor Cell Invasion and Metastasis. Molecular and Cellular Biology, 2019, 39, . | 1.1 | 31 |
| 16 | Myc-mediated transcriptional regulation of the mitochondrial chaperone TRAP1 controls primary and metastatic tumor growth. Journal of Biological Chemistry, 2019, 294, 10407-10414. | 1.6 | 25 |
| 17 | Tumor-Derived Extracellular Vesicles Require Î²1 Integrins to Promote Anchorage-Independent Growth. IScience, 2019, 14, 199-209. | 1.9 | 29 |
| 18 | Activated Extracellular Vesicles as New Therapeutic Targets?. Trends in Cell Biology, 2019, 29, 276-278. | 3.6 | 2 |

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|---|---|---|---|
| 19 | Î±vÎ²3 Integrin Mediates Radioresistance of Prostate Cancer Cells through Regulation of Survivin. Molecular Cancer Research, 2019, 17, 398-408. | 1.5 | 31 |
| 20 | Evaluation of Drug Combination Effect Using a Bliss Independence Doseâ€"Response Surface Model. Statistics in Biopharmaceutical Research, 2018, 10, 112-122. | 0.6 | 86 |
| 21 | Exosomal Î±vÎ²6 integrin is required for monocyte M2 polarization in prostate cancer. Matrix Biology, 2018, 70, 20-35. | 1.5 | 54 |
| 22 | Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. Journal of Extracellular Vesicles, 2018, 7, 1535750. | 5.5 | 6,961 |
| 23 | Unique pattern of neutrophil migration and function during tumor progression. Nature Immunology, 2018, 19, 1236-1247. | 7.0 | 140 |
| 24 | Syntaphilin Ubiquitination Regulates Mitochondrial Dynamics and Tumor Cell Movements. Cancer Research, 2018, 78, 4215-4228. | 0.4 | 47 |
| 25 | câ€Src, Insulinâ€Like Growth Factor I Receptor, Gâ€Proteinâ€Coupled Receptor Kinases and Focal Adhesion Kinase are Enriched Into Prostate Cancer Cell Exosomes. Journal of Cellular Biochemistry, 2017, 118, 66-73. | 1.2 | 74 |
| 26 | Cancer-Associated Fibroblasts Neutralize the Anti-tumor Effect of CSF1 Receptor Blockade by Inducing PMN-MDSC Infiltration of Tumors. Cancer Cell, 2017, 32, 654-668.e5. | 7.7 | 457 |
| 27 | Syntaphilin controls a mitochondrial rheostat for proliferation-motility decisions in cancer. Journal of Clinical Investigation, 2017, 127, 3755-3769. | 3.9 | 37 |
| 28 | The Mitochondrial Unfoldase-Peptidase Complex ClpXP Controls Bioenergetics Stress and Metastasis. PLoS Biology, 2016, 14, e1002507. | 2.6 | 118 |
| 29 | A neuronal network of mitochondrial dynamics regulates metastasis. Nature Communications, 2016, 7, 13730. | 5.8 | 112 |
| 30 | Mitochondrial Akt Regulation of Hypoxic Tumor Reprogramming. Cancer Cell, 2016, 30, 257-272. | 7.7 | 158 |
| 31 | Î±vÎ²6 Integrin Promotes Castrate-Resistant Prostate Cancer through JNK1-Mediated Activation of Androgen Receptor. Cancer Research, 2016, 76, 5163-5174. | 0.4 | 32 |
| 32 | v-Src Oncogene Induces Trop2 Proteolytic Activation via Cyclin D1. Cancer Research, 2016, 76, 6723-6734. | 0.4 | 22 |
| 33 | Exosome-mediated Transfer of Î±vÎ²3 Integrin from Tumorigenic to Nontumorigenic Cells Promotes a Migratory Phenotype. Molecular Cancer Research, 2016, 14, 1136-1146. | 1.5 | 115 |
| 34 | Transgenic Expression of the Mitochondrial Chaperone TNFR-associated Protein 1 (TRAP1) Accelerates Prostate Cancer Development. Journal of Biological Chemistry, 2016, 291, 25247-25254. | 1.6 | 29 |
| 35 | CD45 Phosphatase Inhibits STAT3 Transcription Factor Activity in Myeloid Cells and Promotes Tumor-Associated Macrophage Differentiation. Immunity, 2016, 44, 303-315. | 6.6 | 299 |
| 36 | Î²1 integrin- and JNK-dependent tumor growth upon hypofractionated radiation. Oncotarget, 2016, 7, 52618-52630. | 0.8 | 6 |

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|---|---|---|---|
| 37 | A microRNA/Runx1/Runx2 network regulates prostate tumor progression from onset to adenocarcinoma in TRAMP mice. Oncotarget, 2016, 7, 70462-70474. | 0.8 | 21 |
| 38 | Exosome-mediated transfer from the tumor microenvironment increases TGFÎ² signaling in squamous cell carcinoma. American Journal of Translational Research (discontinued), 2016, 8, 2432-7. | 0.0 | 49 |
| 39 | Deletion of Cyclophilin D Impairs Î²-Oxidation and Promotes Glucose Metabolism. Scientific Reports, 2015, 5, 15981. | 1.6 | 34 |
| 40 | Expression of the ILâ€‐11 Gene in Metastatic Cells Is Supported by Runx2â€‐Smad and Runx2â€‐cJun Complexes Induced by TGFÎ²1. Journal of Cellular Biochemistry, 2015, 116, 2098-2108. | 1.2 | 21 |
| 41 | The Î±vÎ²6 Integrin Is Transferred Intercellularly via Exosomes. Journal of Biological Chemistry, 2015, 290, 4545-4551. | 1.6 | 140 |
| 42 | Î±vÎ²6 integrin is required for TGFÎ²1-mediated matrix metalloproteinase2 expression. Biochemical Journal, 2015, 466, 525-536. | 1.7 | 27 |
| 43 | PI3K therapy reprograms mitochondrial trafficking to fuel tumor cell invasion. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8638-8643. | 3.3 | 174 |
| 44 | Adaptive Mitochondrial Reprogramming and Resistance to PI3K Therapy. Journal of the National Cancer Institute, 2015, 107, . | 3.0 | 91 |
| 45 | Survivin promotes oxidative phosphorylation, subcellular mitochondrial repositioning, and tumor cell invasion. Science Signaling, 2015, 8, ra80. | 1.6 | 84 |
| 46 | Jak2-Stat5a/b Signaling Induces Epithelial-to-Mesenchymal Transition and Stem-Like Cell Properties in Prostate Cancer. American Journal of Pathology, 2015, 185, 2505-2522. | 1.9 | 54 |
| 47 | Deregulation of MiR-34b/Sox2 Predicts Prostate Cancer Progression. PLoS ONE, 2015, 10, e0130060. | 1.1 | 23 |
| 48 | Trop-2 is up-regulated in invasive prostate cancer and displaces FAK from focal contacts. Oncotarget, 2015, 6, 14318-14328. | 0.8 | 58 |
| 49 | Integrin Î±vÎ²6 Promotes an Osteolytic Program in Cancer Cells by Upregulating MMP2. Cancer Research, 2014, 74, 1598-1608. | 0.4 | 61 |
| 50 | Deletion of the Mitochondrial Chaperone TRAP-1ÂUncovers Global Reprogramming of Metabolic Networks. Cell Reports, 2014, 8, 671-677. | 2.9 | 64 |
| 51 | Landscape of the mitochondrial Hsp90 metabolome in tumours. Nature Communications, 2013, 4, 2139. | 5.8 | 135 |
| 52 | Î²<sub>1</sub> integrins mediate resistance to ionizing radiation in vivo by inhibiting câ€‐Jun amino terminal kinase 1. Journal of Cellular Physiology, 2013, 228, 1601-1609. | 2.0 | 44 |
| 53 | Trop-2 Promotes Prostate Cancer Metastasis By Modulating Î²1 Integrin Functions. Cancer Research, 2013, 73, 3155-3167. | 0.4 | 103 |
| 54 | Metabolic stress regulates cytoskeletal dynamics and metastasis of cancer cells. Journal of Clinical Investigation, 2013, 123, 2907-2920. | 3.9 | 165 |

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|---|---|---|---|
| 55 | IGF-IR Promotes Prostate Cancer Growth by Stabilizing Î±5Î²1 Integrin Protein Levels. PLoS ONE, 2013, 8, e76513. | 1.1 | 32 |
| 56 | Control of Tumor Bioenergetics and Survival Stress Signaling by Mitochondrial HSP90s. Cancer Cell, 2012, 22, 331-344. | 7.7 | 103 |
| 57 | PSA regulates androgen receptor expression in prostate cancer cells. Prostate, 2012, 72, 769-776. | 1.2 | 30 |
| 58 | Tropâ€2 inhibits prostate cancer cell adhesion to fibronectin through the Î²<sub>1</sub> integrinâ€RACK1 axis. Journal of Cellular Physiology, 2012, 227, 3670-3677. | 2.0 | 58 |
| 59 | TRAP-1, the mitochondrial Hsp90. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 767-773. | 1.9 | 156 |
| 60 | Insulinâ€like growth factor 1 stimulation of androgen receptor activity requires Î²<sub>1A</sub> integrins. Journal of Cellular Physiology, 2012, 227, 751-758. | 2.0 | 35 |
| 61 | Î±(V)Î²(6) integrin expression is induced in the POET and Pten(pc-/-) mouse models of prostatic inflammation and prostatic adenocarcinoma. American Journal of Translational Research (discontinued), 2012, 4, 165-74. | 0.0 | 13 |
| 62 | The Search for a Better Prostate Cancer Biomarker. Journal of Urology, 2011, 186, 1758-1759. | 0.2 | 1 |
| 63 | Molecular Targets for Radiation Oncology in Prostate Cancer. Frontiers in Oncology, 2011, 1, 17. | 1.3 | 12 |
| 64 | Targeted inhibition of mitochondrial Hsp90 suppresses localised and metastatic prostate cancer growth in a genetic mouse model of disease. British Journal of Cancer, 2011, 104, 629-634. | 2.9 | 58 |
| 65 | IAP Regulation of Metastasis. Cancer Cell, 2010, 17, 53-64. | 7.7 | 258 |
| 66 | The cancerâ€related Runx2 protein enhances cell growth and responses to androgen and TGFÎ² in prostate cancer cells. Journal of Cellular Biochemistry, 2010, 109, 828-837. | 1.2 | 43 |
| 67 | Î²1 integrins mediate cell proliferation in threeâ€dimensional cultures by regulating expression of the sonic hedgehog effector protein, GLI1. Journal of Cellular Physiology, 2010, 224, 210-217. | 2.0 | 30 |
| 68 | Runx2 association with progression of prostate cancer in patients: mechanisms mediating bone osteolysis and osteoblastic metastatic lesions. Oncogene, 2010, 29, 811-821. | 2.6 | 246 |
| 69 | Protein Kinase D1 Inhibits Cell Proliferation through Matrix Metalloproteinase-2 and Matrix Metalloproteinase-9 Secretion in Prostate Cancer. Cancer Research, 2010, 70, 2095-2104. | 0.4 | 48 |
| 70 | Preclinical Characterization of Mitochondria-Targeted Small Molecule Hsp90 Inhibitors, Gamitrinibs, in Advanced Prostate Cancer. Clinical Cancer Research, 2010, 16, 4779-4788. | 3.2 | 85 |
| 71 | Cytoprotective Mitochondrial Chaperone TRAP-1 As a Novel Molecular Target in Localized and Metastatic Prostate Cancer. American Journal of Pathology, 2010, 176, 393-401. | 1.9 | 113 |
| 72 | CD133, Trop-2 and alpha2beta1 integrin surface receptors as markers of putative human prostate cancer stem cells. American Journal of Translational Research (discontinued), 2010, 2, 135-44. | 0.0 | 41 |

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|---|---|---|---|
| 73 | Endogenous Tumor Suppression Mediated by <i>PTEN</i> Involves <i>Survivin</i> Gene Silencing. Cancer Research, 2009, 69, 4954-4958. | 0.4 | 61 |
| 74 | Î²1 Integrin Cytoplasmic Variants Differentially Regulate Expression of the Antiangiogenic Extracellular Matrix Protein Thrombospondin 1. Cancer Research, 2009, 69, 5374-5382. | 0.4 | 13 |
| 75 | Prostate cancer regulatory networks. Journal of Cellular Biochemistry, 2009, 107, 845-852. | 1.2 | 32 |
| 76 | Integrin signaling aberrations in prostate cancer. American Journal of Translational Research (discontinued), 2009, 1, 211-20. | 0.0 | 28 |
| 77 | Bicalutamide inhibits androgenâ€mediated adhesion of prostate cancer cells exposed to ionizing radiation. Prostate, 2008, 68, 1734-1742. | 1.2 | 8 |
| 78 | Integrins in prostate cancer progression. Endocrine-Related Cancer, 2008, 15, 657-664. | 1.6 | 154 |
| 79 | Prostate carcinoma and radiation therapy: therapeutic treatment resistance and strategies for targeted therapeutic intervention. Expert Review of Anticancer Therapy, 2008, 8, 967-974. | 1.1 | 21 |
| 80 | "D" approach to prevent metastasis. Cancer Biology and Therapy, 2007, 6, 110-111. | 1.5 | 0 |
| 81 | The integrinâ€"growth factor receptor duet. Journal of Cellular Physiology, 2007, 213, 649-653. | 2.0 | 146 |
| 82 | Regulation of survivin expression by IGF-1/mTOR signaling. Oncogene, 2007, 26, 2678-2684. | 2.6 | 162 |
| 83 | Androgen action series. Journal of Cellular Biochemistry, 2006, 99, 331-332. | 1.2 | 0 |
| 84 | Î²1 Integrins Modulate Cell Adhesion by Regulating Insulin-Like Growth Factor-II Levels in the Microenvironment. Cancer Research, 2006, 66, 331-342. | 0.4 | 25 |
| 85 | High dose fractionated ionizing radiation inhibits prostate cancer cell adhesion and Î²1 integrin expression. Prostate, 2005, 64, 83-91. | 1.2 | 21 |
| 86 | The Runx2 Osteogenic Transcription Factor Regulates Matrix Metalloproteinase 9 in Bone Metastatic Cancer Cells and Controls Cell Invasion. Molecular and Cellular Biology, 2005, 25, 8581-8591. | 1.1 | 280 |
| 87 | Î²1A Integrin Expression Is Required for Type 1 Insulin-Like Growth Factor Receptor Mitogenic and Transforming Activities and Localization to Focal Contacts. Cancer Research, 2005, 65, 6692-6700. | 0.4 | 69 |
| 88 | Correction: Selective modulation of type 1 insulin-like growth factor receptor signaling and functions by Î²1 integrins. Journal of Cell Biology, 2004, 167, 565-565. | 2.3 | 0 |
| 89 | Selective modulation of type 1 insulin-like growth factor receptor signaling and functions by Î²1 integrins. Journal of Cell Biology, 2004, 166, 407-418. | 2.3 | 77 |
| 90 | Regulation of Î²1C and Î²1A Integrin Expression in Prostate Carcinoma Cells. Journal of Biological Chemistry, 2004, 279, 1692-1702. | 1.6 | 32 |

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|---|---|---|---|
| 91 | Advances in prostate cancer research. Journal of Cellular Biochemistry, 2004, 91, 1-2. | 1.2 | 0 |
| 92 | Advances in prostate cancer research: part III. Journal of Cellular Biochemistry, 2004, 91, 647-648. | 1.2 | 0 |
| 93 | Integrin Signaling in Cancer. , 2004, 119, 15-31. | | 30 |
| 94 | Î±vÎ²3 integrin expression up-regulates cdc2, which modulates cell migration. Journal of Cell Biology, 2003, 161, 817-826. | 2.3 | 126 |
| 95 | Fibronectin Protects Prostate Cancer Cells from Tumor Necrosis Factor-Î±-induced Apoptosis via the AKT/Survivin Pathway. Journal of Biological Chemistry, 2003, 278, 50402-50411. | 1.6 | 133 |
| 96 | Integrins and prostate cancer metastases. , 2002, , 185-195. | | 0 |
| 97 | Regulation of MCP-3 and BRCA2 mRNA Expression Levels by Î²1 Integrins. Experimental and Molecular Pathology, 2001, 70, 239-247. | 0.9 | 4 |
| 98 | Epitope-Specific Antibodies to the Î²1C Integrin Cytoplasmic Domain Variant. Experimental and Molecular Pathology, 2001, 70, 275-280. | 0.9 | 2 |
| 99 | Integrins and prostate cancer metastases. Cancer and Metastasis Reviews, 2001, 20, 321-331. | 2.7 | 102 |
| 100 | Vascular Endothelial Growth Factorâ€"Stimulated Actin Reorganization and Migration of Endothelial Cells Is Regulated via the Serine/Threonine Kinase Akt. Circulation Research, 2000, 86, 892-896. | 2.0 | 386 |
| 101 | Differential Role of Î²1Cand Î²1AIntegrin Cytoplasmic Variants in Modulating Focal Adhesion Kinase, Protein Kinase B/AKT, and Ras/Mitogen-activated Protein Kinase Pathways. Molecular Biology of the Cell, 2000, 11, 2235-2249. | 0.9 | 48 |
| 102 | Substrate Specificity of Î±vÎ²3Integrin-mediated Cell Migration and Phosphatidylinositol 3-Kinase/AKT Pathway Activation. Journal of Biological Chemistry, 2000, 275, 24565-24574. | 1.6 | 136 |
| 103 | Down-Regulation of Î²1C Integrin in Breast Carcinomas Correlates with High Proliferative Fraction, High Histological Grade, and Larger Size. American Journal of Pathology, 2000, 156, 169-174. | 1.9 | 31 |
| 104 | Regulation of mRNA and Protein Levels of Î²1 Integrin Variants in Human Prostate Carcinoma. American Journal of Pathology, 2000, 157, 1727-1734. | 1.9 | 47 |
| 105 | Expression of Heterologous Integrin Genes. , 1999, 129, 125-134. | | 0 |
| 106 | p27kip1 acts as a downstream effector of and is coexpressed with the Î²1C integrin in prostatic adenocarcinoma. Journal of Clinical Investigation, 1999, 103, 321-329. | 3.9 | 47 |
| 107 | Integrin laminin receptor profile of pulmonary squamous cell and adenocarcinomas. Human Pathology, 1998, 29, 1208-1215. | 1.1 | 30 |
| 108 | Î²1C Integrin in Epithelial Cells Correlates with a Nonproliferative Phenotype. American Journal of Pathology, 1998, 153, 1079-1087. | 1.9 | 45 |

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| 109 | Molecular Identification of a Novel Fibrinogen Binding Site on the First Domain of ICAM-1 Regulating Leukocyte-Endothelium Bridging. Journal of Biological Chemistry, 1997, 272, 435-441. | 1.6 | 110 |
| 110 | Alternatively spliced variants: A new view of the integrin cytoplasmic domain. Matrix Biology, 1997, 16, 185-193. | 1.5 | 74 |
| 111 | Regulation of leukocyte-endothelium interaction and leukocyte transendothelial migration by intercellular adhesion molecule 1-fibrinogen recognition.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 1505-1509. | 3.3 | 180 |
| 112 | Structural Recognition of a Novel Fibrinogen Î³ Chain Sequence (117 â€" 133) by Intercellular Adhesion Molecule-1 Mediates Leukocyte-Endothelium Interaction. Journal of Biological Chemistry, 1995, 270, 696-699. | 1.6 | 100 |
| 113 | The Novel Structural Motif Gln795â€"Gln802 in the Integrin Î²1C Cytoplasmic Domain Regulates Cell Proliferation. Journal of Biological Chemistry, 1995, 270, 24666-24669. | 1.6 | 51 |
| 114 | Fibrinogen mediates leukocyte adhesion to vascular endothelium through an ICAM-1-dependent pathway. Cell, 1993, 73, 1423-1434. | 13.5 | 334 |